

WHAT IS CLAIMED IS:

1. A navigation system, comprising:
 - map information obtaining means for obtaining map information;
 - 5 current position information obtaining means for obtaining information on a current position of a moving object;
 - optimum travel route calculating means for calculating an optimum travel route to a destination on the basis of said current position of said automotive vehicle;
 - 10 direction judging means for judging whether or not there is a roundabout on the way to said destination on the basis of said optimum travel route, and detecting a direction of an optimum outlet of said roundabout when the judgment is made that there is a roundabout on the way to said destination;
 - number-of-traffic-lane-of-roundabout judging means for detecting the number of traffic lanes of said roundabout; and
 - 15 informing means for informing about an optimum traffic lane to ensure that said moving object travels along said optimum traffic lane to said optimum outlet from an entry road of the roundabout.
2. A navigation system as set forth in claim 1, which further comprises number-of-traffic-lane-of-entry-road judging means for detecting the number of traffic lanes of an entry road of said roundabout, and in which said informing means is adapted to inform about said optimum traffic lane on the basis of said number of said traffic lanes of said entry road.
3. A navigation system as set forth in claim 1 or claim 2, which further comprises traffic signal judging means for judging whether or not there is a traffic signal on said entry road to said roundabout, and in which said informing means is adapted to inform about said optimum traffic lane on the basis of the judgment made by said traffic signal detecting means.